

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled)

Claim 2 (Canceled)

Claim 3 (Previously Presented) A catalyst according to claim 21, comprising hexamethylenediamine, monoethanolamine, diethanolamine, triethanolamine or N,N-dimethyl-N'-ethylethylenediamine.

Claim 4 (Previously Presented) A catalyst according to claim 21, comprising said amino alcohol wherein said amino alcohol is 2(2-amino ethyl amino)ethanol, 2(2-amino-ethoxy)ethanol, 2-amino-1-butanol, 4-amino-1-butanol, 2,2-diethoxyethylamine, 4,4-diethoxybutylamine, 6-amino-1-hexanol, 2-amino-1,3-propanediol, 3-amino-1,2-propanediol or 3-amino-1-propanol.

Claim 5 (Previously Presented) A catalyst according to claim 21, comprising said amino alkoxy-silane wherein said amino alkoxy-silane is (3-glycidoxypropyl)trimethoxy silane, 3-(2-aminoethylamino) propyl- trimethoxysilane or (3-aminopropyl)trimethoxysilane.

Claim 6 (Previously Presented) A catalyst according to claim 21, wherein the amount of said organic compound in the catalyst is 0.05 to 2.5 mol per mol of metal (metals) of group VIB and/or of group VIII deposited on the substrate.

Claim 7 (Previously Presented) A catalyst according to claim 6, wherein the amount of said organic compound in the catalyst is 0.1 to 1 mol per mol of metal (metals) of group VIB and/or group VIII deposited on the substrate.

Claim 8 (Previously Presented) A catalyst according to claim 21, wherein

said porous substrate comprises at least 40% by weight of alumina.

Claim 9 (Previously Presented) A catalyst according to claim 8, wherein said porous substrate consists essentially of alumina or silica-alumina.

Claim 10 (Previously Presented) A catalyst according to claim 21 in calcined form.

Claim 11 (Canceled)

Claim 12 (Previously Presented) A process for preparation of a catalyst according to claim 21, comprising impregnation of a porous substrate by the metal or metals of group VIB and/or group VIII and the deposit on said substrate of said organic compound.

Claim 13 (Previously Presented) A process according to claim 12, comprising:

an impregnation stage of the porous substrate by the metal or metals of group VIB and/or group VIII;
a drying stage; and
a stage for depositing said organic compound.

Claim 14 (Previously Presented) A process according to claim 13, wherein the drying stage is followed by a calcination stage.

Claim 15 (Canceled)

Claim 16 (Previously Presented) A process according to claim 15, wherein the drying stage is followed by a calcination stage.

Claim 17 (Previously Presented) A process according to claim 12, ~~wherein it~~ comprises comprising:

a stage for depositing said organic compound;
a drying stage; and
a stage of impregnation of the porous substrate by the metal or metals of group VIB and/or group VIII.

Claim 18 (Currently Amended) A process for preparation of a catalyst comprising at least one element of groups VIB and VIII of the periodic table deposited on a porous substrate, and as an additive at least one organic compound selected from the group consisting of hexamethylene diamine, monoethanolamine, diethanolamine, triethanolamine, ~~and~~ N,N-dimethyl-N'-ethylethylene diamine, an amino alcohol and an amino alkoxy-silane, the process comprising impregnation of a porous substrate by the metal or metals of group VIB and/or group VIII and the deposit on said substrate of said organic compound, and a sulfurization stage, wherein the organic compound is present in the sulfurization feedstock and is deposited during the sulfurization stage.

Claim 19 (Canceled)

Claim 20 (Previously Presented) In a catalytic process comprising at least one of hydrodesulfurization, hydrodenitrification, hydrodemetallization, hydrogenation or hydroconversion of a petroleum fraction the improvement wherein the catalyst is according to claim 21.

Claim 21 (Currently Amended) A hydrotreating catalyst comprising at least one element of group VIB and group VIII of the periodic table deposited on a porous substrate, and as an additive at least one organic compound selected from the group consisting of hexamethylene diamine, monoethanolamine, diethanolamine, triethanolamine, ~~and~~ N,N-dimethyl-N'-ethylethylene diamine, an amino alcohol and an amino alkoxy-silane, wherein the catalyst is in sulfurized form, and is prepared by a process in which the organic compound is incorporated during sulfurization.

Claim 22 (Currently Amended) A hydrotreating catalyst comprising at least one

element of group VIB and group VIII of the periodic table deposited on a porous substrate, and as an additive at least one ~~organic compound selected from the group consisting of an amino alcohol and~~ an amino alkoxy-silane, wherein the catalyst is in sulfurized form.

Claim 23 (Currently Amended) A process for preparation of a catalyst comprising at least one element of groups VIB and VIII of the periodic table deposited on a porous substrate, and as an additive at least one ~~organic compound selected from the group consisting of an amino alcohol and~~ an amino alkoxy-silane, the process comprising impregnation of a porous substrate by the metal or metals of group VIB and/or group VIII and the deposit on said substrate of said organic compound, and a sulfurization stage.

Claim 24 (New) A hydrotreating catalyst comprising at least one element of group VIB and group VIII of the periodic table deposited on a porous substrate, and as an additive 2 (2-amino ethyl amino) ethanol.